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UNITED STATES PLANT PATENT APPLICATION

of

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for

GROUND COVER ROSE PLANT NAMED 'FLOWER CARPET WHITE'



Summary of the Invention

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PS
The new variety of ground cover rose plant of the present invention was created by artificial pollination wherein two parents were crossed which previously had been studied in the hope that they would contribute the desired characteristics. The female parent (i.e., the seed parent) was the 'Flower Carpet' variety (United States Plant Patent No. 7,282) which sometimes is known as the 'Noatraum' variety. The 'Flower Carpet' variety is marketed under the HEIDETRAUM trademark in Germany, and possesses deep pink blossoms. The male parent (i.e., the pollen parent) 'Margaret Merrill' variety (non-patented in the United States) which is a Floribunda variety possessing white blossoms. The 'Margaret Merrill' variety sometimes is known as the 'Harkuly' variety. The parentage of the new variety can be summarized as follows: PS

TI

'Flower Carpet' x 'Margaret Merrill'.

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33

PS

PS

The seeds resulting from the above pollination were sown and small plants were obtained which physically and biologically differ from each other. Selective study resulted in the identification of a single plant of the new variety.

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It is found that the new ground cover rose plant possesses the following combination of characteristics:

PO

(a) forms attractive pure white, long-lasting blossoms substantially throughout the season that well retain their original coloration upon aging,

PO

(b) exhibits a compact and spreading growth habit,

PO

(c) forms attractive dark green and glossy foliage that contrasts well with the pure white blossoms,

PO

(d) exhibits excellent disease resistance with respect to blackspot, mildew, and rust, and

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Po (e) is particularly suited for growing as attractive
ornamentation in the landscape. PS

P Reproductive organs and pollen provide a generally yellow coloration at the
center of each fully open blossom.

The new variety meets the needs of the horticultural industry and can be
grown to advantage as attractive ornamentation in parks, gardens, public areas, and
residential landscapes.

The new variety of the present invention has been found to readily undergo
asexual reproduction in Germany by the use of cuttings, by the budding of an eye, and by
grafting. Such asexual reproduction as performed in Germany has shown that the
characteristics of the new variety are homogeneous and stable and are strictly transmissible
from one generation to another.

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The new variety has been named the 'Flower Carpet White' variety. The new
variety also is known as the 'Noaschnee' variety in Europe and is being marketed under the
SCHNEEFLOCKE trademark in Europe.

DR CL u/c

Brief Description of the Photographs

P The accompanying photographs show as nearly true as it is reasonably possible
to make the same, in color illustrations of this character, typical specimens of the new
variety while growing in the landscape. The illustrated rose plants were three years of age
and were observed during July while growing outdoors on 'Pfänders' understock at
Gütersloh, Germany.

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P FIG. 1

illustrates a profusion of blossoms and the foliage of the new
variety wherein the buds and blossoms are visible in various
stages of opening and the good petal drop character of the new
variety is visible as the blossoms mature; and

P

FIG. 2 illustrates buds, blossoms, and foliage of the new variety in greater detail than as illustrated in FIG. 1.

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Detailed Description

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The chart used in the identification of the colors is that of the Royal Horticultural Society (R.H.S. Colour Chart) of London, England. Color terminology in common terms sometimes is included as an aid to the reader. The description is based on the observation of three year-old specimens of the new variety while growing outdoors on 'Pfänders' understock during June and July at Gütersloh, Germany.

1 uml 2

uml

PS

P0

CLASS:

Ground Cover.

P0
3/4/96

PARENTAGE:

P2

female 013 C

P2

male 013 C

F

'Flower Carpet ~~White~~' (United States)
Plant (Patent) No. 7,282).

F

'Margaret Merrill' (non-patented in the
United States).

P0

PLANT:

P2

height 013 C

P2

form 013 C

F

approximately 50 cm. on average at the
end of the growing season.

F

compact and spreading, and creates an
excellent ground cover.

P0

BRANCHES:

P2

color 013 C

F

young stems: light green, and with a
smooth surface.

F

adult wood: medium green and with a
smooth surface.

P2 { thorns 13 C

P0 LEAVES: P2 { stipules 13 C
P2 { leaflets 13 C

size: medium, approximately 5 mm. in length on average, and slightly curved downward.

frequency: irregular.

color: initially light brown changing to dark brown with maturity.

light green in coloration.

number: commonly 5 or 7.

quantity: very abundant.

size: medium.

serration: simple.

color (young foliage):

upper surface: bronze as illustrated in FIG. 2.

under surface: slightly lighter than upper surface.

color (adult foliage):

upper surface: dark green and glossy as illustrated in FIG. 2.

under surface: slightly lighter than upper surface and matte.

general appearance: dense, dark green, and glossy.

texture: leathery.

P0

INFLORESCENCE:

P2

number of
flowers 13 C

P2

peduncle 13 C

P2

sepals 13 C

P2

buds 13 C

P2

flower 13 C

numerous and commonly in clusters.

light green in coloration, short in length, relatively strong, and commonly crooked.

commonly extend beyond the bud and are pointed.

shape: rounded as illustrated in FIG. 2.

length: approximately 3 cm. on average.

size: medium.

color when opening:

upper surface: White, White Group 155B.

under surface: White, White Group 155B.

form: initially cup-shaped with flattening upon maturity.

diameter: approximately 6 cm. on average.

color (when opening begins): upper surface: White, White Group 155B.

under surface: White, White Group 155B.

color (when blooming):

upper surface: White, White Group 155B. Δ C

8/2
1/24/96

under surface: White, White Group
155B.

color (at end of opening): upper
surface: White, White Group 155B.

under surface: White, White Group
155B.

fragrance: slight.

lasting quality: long on plant.

petal form: outer petals tend to have
wavy edges (as illustrated), ~~with~~ the
inner petals commonly have edges that
are slightly bent.

petaloids: commonly none.

petal number: approximately 16 on
average.

petal arrangement: generally arranged
in a regular pattern with overlapping
edges.

petal drop: good with a clean
disengagement of the petals.

stamens: approximately 60 on average,
and regularly arranged around the
styles.

filaments: nearly transparent in
appearance.

pistils: commonly only one.

stigmas: cream yellow in coloration. ΔC

P0

DEVELOPMENT:

P2

vegetation 13 C

P2

blooming 13 C

P2

aptitude to bear

fruits 13 C

P2

winter hardiness 13 C

P2

resistance to

diseases 13 C

styles: thin, bunched, and tend to be of substantially the same length.

hips: small and orange-yellow in coloration.

strong.

abundant and substantially continuous throughout the season.

good.

good.

excellent with respect to blackspot, mildew, and rust.

PS